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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/550,925	09/11/2006	G. Eric Engstrom	109909-145058	4434

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EXAMINER	
BHATTACHARYA, SAM	

ART UNIT	PAPER NUMBER
2617	

MAIL DATE	DELIVERY MODE
12/13/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/550,925	ENGSTROM ET AL.	
	Examiner	Art Unit	
	Sam Bhattacharya	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) 1-17 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) 1-17 is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on 28 September 2005 is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☒ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date see attached.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-17 are rejected under 35 U.S.C. 102(e) as being anticipated by Yamazaki (US 2002/0052192).

Regarding claim 1, Yamazaki discloses a wireless mobile phone comprising: a plurality of components coupled to each other to facilitate wireless telephony communication by a user, an input mechanism to facilitate input of a finger print of the user; and operating logic to receive input from the input mechanism and to selectively operate the components depending on whether the user is successfully authenticated via an inputted finger print. See paragraphs 19, 20 and 48.

Regarding claim 2, Yamazaki discloses that said input mechanism comprises a light source to emit light, and an array of light sensors to sense the emitted light reflecting off a user's finger. See paragraphs 21-23.

Regarding claim 3, Yamazaki discloses that the wireless mobile phone further comprises processing logic associated with the input mechanism to process the reflected light sensed into an input finger print. See paragraphs 21-23.

Regarding claim 4, Yamazaki discloses that the operating logic further comprises logic to compare the input finger print against a reference finger print. See paragraphs 53-54.

Regarding claim 5, Yamazaki discloses that the wireless mobile phone further comprises a reader to facilitate provision of a reference finger print via an identity card. See paragraphs 35-39.

Regarding claim 6, Yamazaki discloses that the reference finger print is stored on said identity card in a manner to be read by a reader selected from the reader group consisting of an electronic reader, an optical reader, and a magnetic reader, and the reader is a corresponding selected one of the electronic reader, the optical reader and the magnetic reader. See paragraphs 35-39.

Regarding claim 7, Yamazaki discloses that said input mechanism comprises one or more capacitors, and one or more sensors coupled to the one or more capacitors to sense electrical interaction with the capacitors by a user's finger, and to output signals indicating of the user's finger print. See paragraphs 35-39.

Regarding claim 8, Yamazaki discloses processing logic associated with the input mechanism to process the reflected light sensed into an input finger print. See paragraphs 35-39.

Regarding claim 9, Yamazaki discloses in a wireless mobile phone, a method of operation comprising: receiving finger print input from a user; authenticating the user using the provided finger print input; and operating a plurality of components of the wireless mobile phone to facilitate wireless telephony communication by the user, depending on whether the user was successfully authenticated via the received finger print input of the user. See paragraphs 19, 20 and 48.

Regarding claim 10, Yamazaki discloses that said receiving of finger print input from the user comprises emitting light using a light source, sensing the emitted light reflecting off the user's finger using a plurality of sensors, and processing the reflected light sensed into a finger print input. See paragraphs 21-23.

Regarding claim 11, Yamazaki discloses comparing the inputted finger print against a reference finger print. See paragraphs 53-54.

Regarding claim 12, Yamazaki discloses that the method further comprises retrieving the reference finger print from an identity card. See paragraphs 35-39.

Regarding claim 13, Yamazaki discloses that said receiving of finger print input from the user comprises sensing electrical interactions with one or more capacitors by the user's finger using a plurality of sensors, and processing the sensed interactions into an inputted finger print. See paragraphs 35-39.

Regarding claim 14, Yamazaki discloses a wireless mobile phone comprising: a plurality of components coupled to each other to facilitate wireless telephony communication by a user, with the components being equipped to operate in at least a selected one of a first mode and a second mode; and operating logic to operate the components in said first mode without authentication of the user, and to operate the components in said second mode if the user is successfully authenticated. See paragraphs 19, 20 and 48.

Regarding claim 15, Yamazaki discloses that the operating logic enables the components to provide first one or more functions while operating the components in said first mode, and further enables the components to provide second additional one or more functions, while operating the components in said second mode. See paragraphs 19, 20 and 48.

Regarding claim 16, Yamazaki discloses in a wireless mobile phone, a method of operation comprising: operating a plurality of components coupled to each other to facilitate wireless telephony communication by a user, in a first mode, prior to authenticating the user; receiving input for authenticating the user; and operating the components in a second mode if the user is successfully authenticated. See paragraphs 19, 20 and 48.

Regarding claim 17, Yamazaki discloses that said operating of the plurality of components in said first mode comprises enabling the components to provide first one or more functions, and said operating of the plurality of components in said second mode comprises enabling the components to further provide second one or more functions. See paragraphs 19, 20 and 48.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Kaplan et al. (US 5,999,806)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sam Bhattacharya whose telephone number is (571) 272-7917. The examiner can normally be reached on Weekdays, 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Eng can be reached on (571) 272-7495. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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